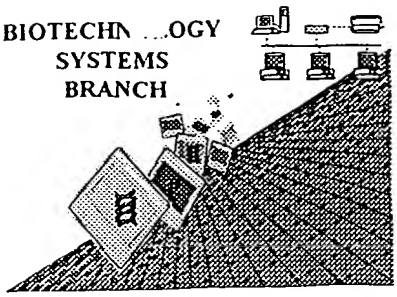
BIOTECHN...OGY
SYSTEMS
BRANCH



p#10

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/446,109

Source: 1653

Date Processed by STIC: 5-14-01

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PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
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2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FILE COPY

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

A. Mohamed

1653

RAW SEQUENCE LISTING DATE: 05/14/2001
PATENT APPLICATION: US/09/446,109 TIME: 11:00:02

Input Set : A:\ES.txt
Output Set: N:\CRF3\05142001\I446109.raw

Does Not Comply
Corrected Diskette Needed
pp 1-5

```
  3 <110> APPLICANT: FAIRLIE, DAVID
  4       MAXWELL, STEPHEN
  5       FINCH, ANGELA MONIQUE
  6       WONG, ALLAN
  8 <120> TITLE OF INVENTION: CYCLIC ANGONISTS AND ANTAGONISTS OF C5a RECEPTORS AND G PROTEIN-COUPLED
  9       RECEPTORS
 11 <130> FILE REFERENCE: 10648-0001-0PCT
 13 <140> CURRENT APPLICATION NUMBER: 09/446,109
 14 <141> CURRENT FILING DATE: 2000-04-21
 16 <150> PRIOR APPLICATION NUMBER: PCT/AU98/00490
 17 <151> PRIOR FILING DATE: 1998-06-25
 19 <150> PRIOR APPLICATION NUMBER: AU P07550
 20 <151> PRIOR FILING DATE: 1997-06-25
 22 <160> NUMBER OF SEQ ID NOS: 24
 24 <170> SOFTWARE: PatentIn version 3.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 10
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <221> NAME/KEY: misc_feature
 33 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA peptide?
 36 <400> SEQUENCE: 1
 38 Ile Ser His Lys Asp Met Gln Leu Gly Arg
 39 1               5                   10
 41 <210> SEQ ID NO: 2
 42 <211> LENGTH: 10
 43 <212> TYPE: PRT
 44 <213> ORGANISM: Artificial Sequence
 46 <220> FEATURE:
 47 <221> NAME/KEY: misc_feature
 48 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA peptide?
 51 <400> SEQUENCE: 2
 53 Tyr Ser Phe Lys Asp Met Gln Leu Gly Arg
 54 1               5                   10
 56 <210> SEQ ID NO: 3
 57 <211> LENGTH: 10
 58 <212> TYPE: PRT
 59 <213> ORGANISM: Artificial Sequence
 61 <220> FEATURE:
 62 <221> NAME/KEY: misc_feature
 63 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA peptide?
 66 <220> FEATURE:
 67 <221> NAME/KEY: SITE                    what residue does Xaa represent?
 68 <222> LOCATION: (9)..(9)
 70 <400> SEQUENCE: 3 <223>
W--> 72 Tyr Ser Phe Lys Asp Met Pro Leu Xaa Arg
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RAW SEQUENCE LISTING DATE: 05/14/2001
PATENT APPLICATION: US/09/446,109 TIME: 11:00:02

Input Set : A:\ES.txt
Output Set: N:\CRF3\05142001\I446109.raw

```
     73 1               5                   10
     75 <210> SEQ ID NO: 4
     76 <211> LENGTH: 10
     77 <212> TYPE: PRT
     78 <213> ORGANISM: Artificial Sequence
     80 <220> FEATURE:
     81 <221> NAME/KEY: misc_feature
     82 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA   peptide?
     85 <220> FEATURE:
     86 <221> NAME/KEY: SITE
     87 <222> LOCATION: (9)..(9)
     88 <223> OTHER INFORMATION: Xaa is D-Ala
     91 <400> SEQUENCE: 4
W--> 93 Tyr Ser Phe Lys Pro Met Pro Leu Xaa Arg
     94 1               5                   10
     96 <210> SEQ ID NO: 5
     97 <211> LENGTH: 21
     98 <212> TYPE: PRT
     99 <213> ORGANISM: Artificial Sequence
    101 <220> FEATURE:
    102 <221> NAME/KEY: misc_feature
    103 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA   peptide?
    106 <220> FEATURE:
    107 <221> NAME/KEY: MOD_RES
    108 <222> LOCATION: (11)..(11)
    109 <223> OTHER INFORMATION: Acp
    112 <220> FEATURE:
    113 <221> NAME/KEY: SITE
    114 <222> LOCATION: (20)..(20)
    115 <223> OTHER INFORMATION: Xaa is D-Ala
    118 <400> SEQUENCE: 5
W--> 120 Arg Ala Ala Arg Ile Ser Leu Gly Pro Arg Xaa Tyr Ser Phe Lys Pro
    121 1               5                   10                  15
W--> 123 Met Pro Leu Xaa Arg
    124             20
    126 <210> SEQ ID NO: 6
    127 <211> LENGTH: 20
    128 <212> TYPE: PRT
    129 <213> ORGANISM: Artificial Sequence
    131 <220> FEATURE:
    132 <221> NAME/KEY: misc_feature
    133 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA   peptide?
    136 <220> FEATURE:
    137 <221> NAME/KEY: MOD_RES
    138 <222> LOCATION: (10)..(10)
    139 <223> OTHER INFORMATION: Acp
    142 <220> FEATURE:
    143 <221> NAME/KEY: SITE
    144 <222> LOCATION: (19)..(19)
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RAW SEQUENCE LISTING DATE: 05/14/2001
PATENT APPLICATION: US/09/446,109 TIME: 11:00:02

Input Set : A:\ES.txt
Output Set: N:\CRF3\05142001\I446109.raw

145 <223> OTHER INFORMATION: Xaa is D-Ala
148 <400> SEQUENCE: 6
W--> 150 Lys Tyr Lys His Ser Val Val Lys Lys Xaa Tyr Ser Phe Lys Pro Met
151 1 5 10 15
W--> 153 Pro Leu Xaa Arg
154 20
156 <210> SEQ ID NO: 7
157 <211> LENGTH: 6
158 <212> TYPE: PRT
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <221> NAME/KEY: misc_feature
163 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA peptide?
166 <220> FEATURE:
167 <221> NAME/KEY: MOD_RES
168 <222> LOCATION: (1)..(1)
169 <223> OTHER INFORMATION: METHYLATION
172 <220> FEATURE:
173 <221> NAME/KEY: SITE
174 <222> LOCATION: (4)..(4)
175 <223> OTHER INFORMATION: Xaa is D-cylcohexylalanine
178 <400> SEQUENCE: 7
W--> 180 Phe Lys Pro Xaa Trp Arg
181 1 5
183 <210> SEQ ID NO: 8
184 <211> LENGTH: 6
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <221> NAME/KEY: misc_feature
190 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA peptide?
193 <220> FEATURE:
194 <221> NAME/KEY: MOD_RES
195 <222> LOCATION: (1)..(1)
196 <223> OTHER INFORMATION: METHYLATION
199 <220> FEATURE:
200 <221> NAME/KEY: SITE
201 <222> LOCATION: (4)..(4)
202 <223> OTHER INFORMATION: Xaa is D-cyclohexylalanine
205 <220> FEATURE:
206 <221> NAME/KEY: SITE
207 <222> LOCATION: (6)..(6)
208 <223> OTHER INFORMATION: residue is substituted with CONH2
211 <400> SEQUENCE: 8
W--> 213 Phe Lys Pro Xaa Trp Arg
214 1 5
216 <210> SEQ ID NO: 9
217 <211> LENGTH: 6
218 <212> TYPE: PRT

RAW SEQUENCE LISTING DATE: 05/14/2001
PATENT APPLICATION: US/09/446,109 TIME: 11:00:02

Input Set : A:\ES.txt
Output Set: N:\CRF3\05142001\I446109.raw

219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <221> NAME/KEY: misc_feature
223 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA peptide?
226 <220> FEATURE:
227 <221> NAME/KEY: MOD_RES
228 <222> LOCATION: (1)..(1)
229 <223> OTHER INFORMATION: METHYLATION
232 <220> FEATURE:
233 <221> NAME/KEY: SITE
234 <222> LOCATION: (4)..(4)
235 <223> OTHER INFORMATION: Xaa is D-cyclohexylalanine
238 <400> SEQUENCE: 9
W--> 240 **Phe Lys Pro Xaa Trp Arg**
241 1 5
243 <210> SEQ ID NO: 10
244 <211> LENGTH: 6
245 <212> TYPE: PRT
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <221> NAME/KEY: misc_feature
250 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA peptide?
253 <220> FEATURE:
254 <221> NAME/KEY: MOD_RES
255 <222> LOCATION: (1)..(1)
256 <223> OTHER INFORMATION: METHYLATION
259 <400> SEQUENCE: 10
261 Phe Lys Pro Leu Trp Arg
262 1 5
264 <210> SEQ ID NO: 11
265 <211> LENGTH: 6
266 <212> TYPE: PRT
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <221> NAME/KEY: misc_feature
271 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA peptide?
274 <220> FEATURE:
275 <221> NAME/KEY: SITE
276 <222> LOCATION: (2)..(6)
277 <223> OTHER INFORMATION: cyclic portion
280 <220> FEATURE:
281 <221> NAME/KEY: MOD_RES
282 <222> LOCATION: (1)..(1)
283 <223> OTHER INFORMATION: ACETYLATION
286 <220> FEATURE:
287 <221> NAME/KEY: SITE
288 <222> LOCATION: (4)..(4)
289 <223> OTHER INFORMATION: Xaa is D-cyclohexylalanine
292 <400> SEQUENCE: 11

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/446,109

DATE: 05/14/2001
TIME: 11:00:02

Input Set : A:\ES.txt
Output Set: N:\CRF3\05142001\I446109.raw

W--> 294 Phe Lys Pro Xaa Trp Arg
295 1 5
297 <210> SEQ ID NO: 12
298 <211> LENGTH: 6
299 <212> TYPE: PRT
300 <213> ORGANISM: Artificial Sequence
302 <220> FEATURE:
303 <221> NAME/KEY: misc_feature
304 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA peptide?
307 <220> FEATURE:
308 <221> NAME/KEY: MOD_RES
309 <222> LOCATION: (1)..(1)
310 <223> OTHER INFORMATION: ACETYLATION
313 <220> FEATURE:
314 <221> NAME/KEY: MOD_RES
315 <222> LOCATION: (2)..(2)
316 <223> OTHER INFORMATION: Orn
319 <220> FEATURE:
320 <221> NAME/KEY: SITE
321 <222> LOCATION: (4)..(4)
322 <223> OTHER INFORMATION: D-cyclohexylalanine
325 <220> FEATURE:
326 <221> NAME/KEY: SITE
327 <222> LOCATION: (2)..(6)
328 <223> OTHER INFORMATION: cyclic portion
331 <400> SEQUENCE: 12
I--> 333 Phe Xaa Pro Xaa Trp Arg
334 1 5
336 <210> SEQ ID NO: 13
337 <211> LENGTH: 6
338 <212> TYPE: PRT
339 <213> ORGANISM: Artificial Sequence
341 <220> FEATURE:
342 <221> NAME/KEY: misc_feature
343 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA peptide?
346 <220> FEATURE:
347 <221> NAME/KEY: SITE
348 <222> LOCATION: (2)..(2)
349 <223> OTHER INFORMATION: Xaa is (CH2)-NH2 F.Y.I. Xaa can only represent a single amino acid residue.
352 <220> FEATURE:
353 <221> NAME/KEY: SITE
354 <222> LOCATION: (4)..(4)
355 <223> OTHER INFORMATION: Xaa is D-cyclohexylalanine
358 <220> FEATURE:
359 <221> NAME/KEY: SITE
360 <222> LOCATION: (2)..(6)
361 <223> OTHER INFORMATION: cyclic portion
364 <400> SEQUENCE: 13
-> 366 Phe Xaa Pro Xaa Trp Arg

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY DATE: 05/14/2001
PATENT APPLICATION: US/09/446,109 TIME: 11:00:03

Input Set : A:\ES.txt
Output Set: N:\CRF3\05142001\I446109.raw

L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:93 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:459 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:498 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:630 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:708 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:747 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24